

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
9 December 2004 (09.12.2004)

PCT

(10) International Publication Number  
WO 2004/106202 A1

(51) International Patent Classification: B65H 51/28,  
51/30, 59/10, 59/38, 69/00, C03C 25/10, G02B 6/44

(21) International Application Number:  
PCT/FI2004/000313

(22) International Filing Date: 24 May 2004 (24.05.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
20030800 27 May 2003 (27.05.2003) FI

(71) Applicant (for all designated States except US): NEX-  
TROM HOLDING S.A. [CH/CH]; 15, rue de la Gare,  
CH-1110 Morges (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ELOMÄKI, Karl

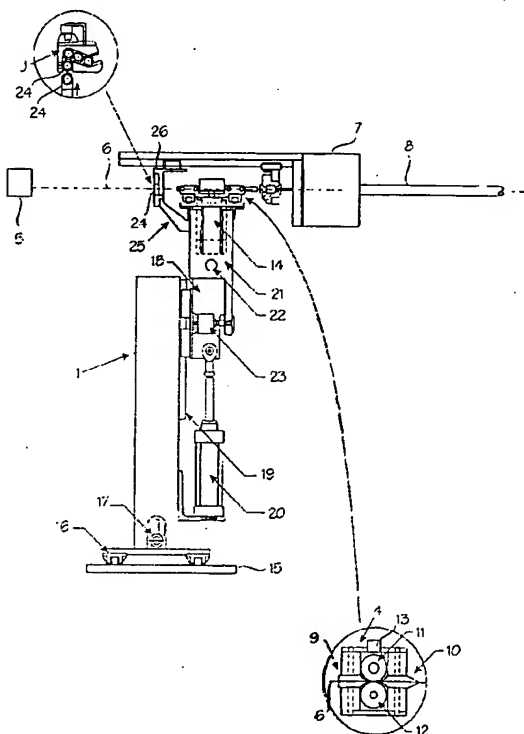
[FI/FI]; Suvantopolku 7 F 62, FI-01600 Vantaa (FI).  
LAHTI, Mikko [FI/FI]; Japuankatu 23 C 8, FI-04430  
Järvenpää (FI). LESKINEN, Risto [FI/FI]; Laaksolah-  
dentie 3 D 12, FI-02720 Espoo (FI). SAURANEN, Jari  
[FI/FI]; Laajavuorenkuja 12 B 20, FI-01620 Vantaa (FI).  
VELJANEN, Paavo [FI/FI]; Juhanhaka 8 D, FI-00780  
Helsinki (FI).

(74) Agent: KOLSTER OY AB; Iso Roobertinkatu 23,  
P.O.Box 148, FI-00121 Helsinki (FI).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SI, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

[Continued on next page]

(54) Title: METHOD AND ARRANGEMENT IN COATING LINE FOR FIBRE-LIKE PRODUCT OR PRODUCTS



(57) Abstract: A method and an arrangement in a coat-  
ing line for a fibre-like product or fibre-like products (6),  
in which the fibre-like product (6) is directed from out-  
put means (5) to a press head (7), by means of which  
a tube (8) is formed around the fibre-like product. The  
fibre-like product (6) is directed from the coating line  
to a feed unit (1) in a preparatory position at the side.  
When the coating process of a previous product has ter-  
minated, the feed unit (1) is shifted to the coating line  
and the fibre-like product (6) is fed into the press head  
and is accelerated to the speed of the tube by means of  
the feed unit (1). The feed unit (1) is detached from the  
fibre-like product (6), when measurement parameters as-  
sociated with the fibre-like product (6) and/or the tube (8)  
reach the predetermined values and is shifted back to the  
preparatory position at the side of the coating line.

BEST AVAILABLE COPY

WO 2004/106202 A1